

U.S. Application No. 10/584,651
December 9, 2008
Reply to Office Action of July 9, 2008

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (cancelled)

Claim 2 (currently amended) ~~Tamsulosin hydrochloride according to claim 1~~ A reaction mixture comprising tamsulosin hydrochloride and at least some measurable amount of overalkylated products wherein the amount thereof is less than 0.1%, and wherein said overalkylated products include bis-(2-(2-ethoxyphenoxy)ethyl substituted derivatives of 4-methoxy-3-sulphonamidobenzenepropane-2-amine and wherein any additional (2-(2-ethoxyphenoxy) ethyl substituents are bound to the sulphonamide nitrogen atom or propanamine nitrogen atom of a 4-methoxy-3-sulphonumido benzenepropane-2-amine.

Claim 3 (currently amended) The reaction mixture ~~Tamsulosin hydrochloride~~ according to claim [[1]] comprising less than 0.02% of 5-(2-(bis-(2-(2-ethoxyphenoxy)ethyl)amino)propyl)-2-methoxybenzenesulphon- amide.

Claim 4 (currently amended) The reaction mixture ~~Tamsulosin hydrochloride~~ according to claim [[1]] which comprises less than 0.06% of N-(2-(2-ethoxyphenoxy)ethyl)-5-(2-(2-(2-ethoxyphenoxy)ethylamino)propyl)--2-methoxybenzenesulphonamide.

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Claim 5 (withdrawn) A process for the preparation of tamsulosin hydrochloride characterised in that it comprises the reaction of R-5-(2-aminopropyl)-2-methoxybenzenesulphonamide with an excess of 1-(2-bromoethoxy)-2-ethoxybenzene in an organic solvent.

Claim 6 (withdrawn) The process for the preparation of tamsulosin hydrochloride according to claim 5 wherein the excess of 1-(2-bromoethoxy)-2-ethoxybenzene is from about 1.2 to about 3.

Claim 7 (withdrawn) The process for the preparation of tamsulosin hydrochloride according to claim 5 wherein said organic solvent is methanol.

Claim 8 (withdrawn) A process for the purification of tamsulosin hydrochloride comprising recrystallising tamsulosin hydrochloride from a solution in methanol or ethanol or a mixture of ethanol and methanol by thermal recrystallisation.

Claim 9 (withdrawn) A process for the purification of tamsulosin hydrochloride with less than about 90% of the active substance wherein the contents of the active substance above 99.8% is achieved with at most two thermal crystallisations from a mixture of methanol and ethanol.

Claim 10 (withdrawn) The process for the purification of tamsulosin hydrochloride according to claim 8 wherein recrystallisation is carried out from a mixture of methanol and ethanol in a ratio of between about 3:7 and about 7:3.

Claims 11 - 14 (canceled)